

Product datasheet for **RN208033**

Ube3b (NM_001143894) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube3b (NM_001143894) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ube3b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208033 representing NM_001143894 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTCACTGTATCTCAGACCTCCAGAGCATGGTTCTCGACAAAGCCAGGCAGGCAGGACGGGAAGAGAGGC
TGGAGCAGAAGGAGCGGGAGCGCTCAGCAGTGCTGATCCAGGCACTAGTCCGAGTTTCCTCTGTGGAG
GCGACTGCACAAAGATGTCAGGAGAGAGATCGATGAGTTTTCTACTGCTGATGAGTCTGGATCCAGTAAA
AGAAGTCACTTTGTATTTTTAAGATTGCCAGGAAGCTGCTGTTCAATGCAAACTACCGAGGACAATG
AGAGAATGGAGAAGCTGTGTCGTAGCATCCTGAGCAGCATGGATGCAGAGAATGAGCCAAAGGTATGGTA
CGTGTCCCTGGCTCTTCCAAGGACCTCACTCTGCTGTGGATTAACAGATCAAGAGCATCCTGTGGTAC
TGCTGTGAGCTTCTTGGCAGCTCAAGCCAGAAATCTTACAGGACTCCAGGCTCATCACGCTGTACCTTA
CCATGCTTGTACCTTACGGACACTTCAACATGGAAGATTCTCCGGGGAAAGGTGAAAGCCTTCGGCC
AGCCCTGAACCATATTTGTGCAATATAATGGCCACCTCAACCAGCGAGGATTCTACTCAGTGTTCGAG
GTACTGCTGACCCGAGGCTGGCCAGACCCGGCCCTGTCTGTCCAAAAGCACGCTGACGGCTGCCTTCA
CTCTGGCCCTGCGCCCTGTAGTTGCTGCGCAGTTCTCAGACAGTCTGATGCGACGTTTCATCATCCACAT
CATGTCCGTACCTGCTCTCGTGGCTCATCTCAGCACCATGGCCCTGAGCGTCTCGGGGTTTTAGAGTCC
CATGACATGCTTCGTAATTCATCGTCTTTCTGAGAGACAGAGACCGATGTCAAGATGCTTGCGAAAAGTT
TAGAAGGCTGCCATACCTGTGCCTCATGGGCAATCTCCTGCACCTGGGCTCCCTCAACCTTAAGATGTT
AGAGGAAGAAACAGATGGGTTTGTGAGCTTGTCTACCCAGATGCTGTGCTACTGTGAGAGTATGTGTCC
CAGAAGAAGTCCAACCTGACCCACTGGCACCCTGTGCTGGCTGGTGGTTTTCCAGTCTGTGGATTACGGCC
TCAATGACTCCATGTACCTGATCACAAGCAGCTGCAGTTCCTGTGGGGCGTGCCTCTCATCCGATTTT
TCCCACAGACCGTGTCTCCCGTGAAGAGTCTCCTCAAGCGTGCCTTTCAAAGTCAAGTTCAGTTCAGTTCGGA
ATATCCTCAAGCCTGTGCGGGGGCCGACGCTGGACTCCAGGAGGTGCGGAAGGTCTGCAGCATCTGTGT
GCTCTACCAGACCTCGCTGACAACCCTCACCCAGATCCGCTTGAGATCCTCACAGGCCCTTACCTACCTT
GATGACCTGTGCCAAGCTCTGGGCTTTATCTGTGAGCTGGGGCCCATGGAGGGCTAAAGCTCTTCT
TGGAGTGCCTGAACAATGACTGAGAGTCCAAGCAGCTCCTGGCCATGCTGATGCTCTTCTGTGACTG
CTCCCGCCACCTCATCCATCCTGGACGACATTGAAGTTTATGAGGAGCAGATCTCATTCAAGCTGGAA



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GAGCTGGTCACCATCTCTTCCTCCTCAACTCCTTTGTGTTCAAGATGATCTGGGATGGAATCGTAGAGA
 ACGCCAAGGGTGAGACCTTGGAGCTGTTCCAGTCCGTCATGGCTGGCTGATGGTGTGTATGAACGAGA
 CTGCCGACGGCGCTTCGCTCCAGAGGACCAGTGGCTACGCAAGGATCTCAAGCCTGGCGTGTCTTCCAG
 GAACTTGACAAGGACCGAAGAGGGCTCAGTGATCCTGCTGCACATCCCCACGTGCTGCCTACAAGA
 ACAGAGTTCTTCTGTTCCGGAACATGGTTATCAAGGAGAAAGAGAAGCTGGGGCTTGTGGAAACAGCTC
 TGCCTCCCCTCACGTACCCACATCACTATCCGAAGGTCCTGGATGCTGGAGGACGGCTATGAGCAACTG
 CGGCAGCTTCCCTCAGCAGCCATGAAGGGCGCGATCCGAGTGAAGTTTCGTCAGTGACCTTGGGGTGGAG
 AAGCTGGCATTGACCAGGACGGTGTCTTTAAGGAGTTTCTGGAAGAGATCATCAAGAGGGTGTGTTGACCC
 AGCACTCAACCTGTTCAAGACAACCACTGGGGATGAGAGGCTGTACCCGTCACCCACGTCTACATCCAT
 GAGAACTACCTGCAGCTCTTTGAGTTTGTGGGGAAGATGCTGGGAAAGCGGTGTATGAGGGGATCGTGG
 TGGACGTGCCCTTGCCTCCTTCTTCTGAGCCAAATGCTCGGGCACCACCACAGCGTCTTCTACAGCTC
 CGTGGATGAGCTGCCCTCCTGGACTCGGAGTTCTATAAAAACCTCACCTCCATCAAGCGCTATGATGGA
 GACGTCGACAGCTCGGGCTGACTGTCTTACGATGAAGATGTCATGGGTGAGTCTGCTGCCACGAAC
 TGGTTCCTGGAGGAAGACCATCCCGGTACAGATGAGAACAAAATTAGCTACATCCATCTGATGGCTCA
 TTTTCGAATGCACACTCAAATCAAGAACCAGACAGCTGCTCTCATTAGTGGCTTCGTTCCATTATTAAG
 CCCGAGTGGATCCGAATGTTCTTACCCCTGAGCTTCAACGTCTCATCTCCGGGACAATGCCGAGATCG
 ATCTGGAAGACTTAAAGAAGCACACGGTGTACTACGGTGGCTTTCACGGGAGTACAGAGTACATCGTCTG
 GCTCTGGGATATCCTGGCTTCTGACTTCACGCCTGGTGAAGAGCCATGTTCTGAAAGTTTGTGACCAGC
 TGCTCCCGACCCCGCTCCTAGGATTCGCTACCTCAAACCTCCGTTCTCCATTGCTGTGTGGAAGTGT
 CGGATGACCAGGACACTGGGGACACCCTGGGCAGCGTCTCAGGGGCTTCTTACCATCCGCAAGAGGGA
 GCCAGGCGGGCTGTCGCCACCTTCCACTTGCTTCAACCTGCTTAAAGTGCCCAACTACAGCAAGAAA
 AGCGTACTCCGAGAGAACTGCGCTACGCCATCAGCATGAACACAGGCTTTGAGCTCTCCTAA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001143894

Insert Size:

3213 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq:

[NM_001143894.1](#), [NP_001137366.1](#)

RefSeq Size:

5201 bp

RefSeq ORF:

3213 bp

Locus ID: 687633

Cytogenetics: 12q16